



No. 4-19 Date 11/58
9

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	34 112.2	
2	37 122.1	
3	43 141.9	
4	42 138.6	
5	37 122.1	
6	37 122.1	
7	42 138.6	
8	43 141.9	
9	42 138.6	
10	36 118.8	
T	1296.9	
\bar{x}	129.7	

Sertoli Cells: seen

Remarks: every cell in slide seems to
be dividing

No. 4-21 Date 1/59

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	50 165.0	9 - 29.7
2	49 161.7	8 26.4
3	53 174.9	12 39.6
4	39 128.7	9 29.7
5	55 181.5	8 26.4
6		
7		
8		
9		
10		
T	8 11.8	15 1.8
\bar{x}	162.4	30.4

Sertoli Cells: seen

Remarks: pen section

Digitized by the Internet Archive
in 2017 with funding from
CLIR

No. 4-22 Date 4/59
6

Spermatogenic Condition

	Seminiferous ⁽²⁾		Seminiferous	
	Interstitial Cell nuclear diam.	tubule diam.	epith. height	
1	58	191.4	13	42.9
2	50	165.0	10	33.0
3	52	171.6	16	52.8
4				
5				
6				
7				
8				
9				
10				
T		528.0		128.7
\bar{x}		176.0		42.9

Sertoli Cells: seen

Remarks: stain faint

E = 26.4 μ (2)

No. 4-23 Date 11/59

Spermatogenic Condition ② 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	50	165.0	16 - 52.8
2	40	132.0	12 - 39.6
3	52	171.6	15 - 49.5
4	51	168.3	16 - 52.8
5	53	174.9	15 - 49.5
6	56	184.8	15 - 49.5
7	42	138.6	13 - 42.9
8	43	141.9	13 - 42.9
9	60	198.0	12 - 39.6
10	48	158.4	13 - 42.9
T		1633.5	462.0 462.0
\bar{x}		163.4	46.2

Sertoli Cells: seen

Remarks: _____

No.

Date _____

Spermatogenic Condition. igit. n

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	39	128.7	6 - 19.8
2	48	158.4	4 13.2
3	41	135.3	5 16.5
4	37	122.1	6 19.8
5	39	128.7	8 26.4
6	31	102.3	6 19.8
7	45	148.5	7 23.1
8	41	135.3	6 19.8
9	53	174.9	7 29.7
10	43	141.9	8 26.4
T		1376.1	214.5
\bar{x}		137.6	21.4

Sertoli Cells: seen

Remarks:

No. 42.7 Date 1/59

Spermatogenic Condition 60

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	51 168.3	15 49.5
2	35 115.5	8 26.4
3	42 138.6	12 39.6
4	49 161.7	12 39.6
5	52 171.6	15 49.5
6	44 145.2	9 29.7
7	46 151.8	11 36.3
8	42 138.6	13 42.9
9	47 155.1	11 36.3
10	45 148.5	10 33.0
T	1494.9	382.8
\bar{x}	149.5	38.3

Sertoli Cells: seen

Remarks: _____

No. 4-29 Date 10/59

Spermatogenic Condition 6

	②			
	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height	
1		52 - 171.6	17	56.1
2		50 165.0	10	33.0
3		43 141.9	9	29.7
4		54 178.2	12	39.6
5		46 151.8	12	39.6
6		47 155.1	10	33.0
7		49 161.7	10	33.0
8		64 211.2	10	33.0
9		76 250.8	9	29.7
10		52 171.6	12	39.6
T		1758.9		366.3
\bar{x}		175.9		36.6

Sertoli Cells: seen

Remarks: stain faint

No. 4-30 Date 11/5/57

Spermatogenic Condition (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	53 174.9	9 29.7
2	49 161.7	12 39.6
3	57 188.1	8 26.4
4	52 171.6	8 26.4
5	66 217.8	12 39.6
6	57 148.3	6 19.8
7	46 151.8	10 33.0
8	51 168.3	10 33.0
9	41 135.3	13 42.9
10	45 148.5	9 29.7
T	1686.3	320.1
\bar{x}	168.6	32.0

Sertoli Cells: seen

Remarks: _____

No. 4-31 Date 4/5/59

Spermatogenic Condition (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	42 138.6	7 23.1
2	38 125.4	11 36.3
3	37 122.1	8 26.4
4	43 141.9	7 23.1
5	40 132.0	8 26.4
6	36 118.8	11 36.3
7	48 158.4	10 33.0
8	42 138.6	10 33.0
9	48 158.4	5 16.5
10	41 135.3	7 23.1
T	1369.5	277.2
\bar{x}	137.0	27.7

Sertoli Cells: seen

Remarks: _____

No. 4-33 Date 4/59
6

Spermatogenic Condition (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	46 151.8	11 36.3
2	50 165.0	8 26.4
3	48 158.4	11 36.3
4	58 191.4	13 42.9
5	37 122.1	12 39.6
6	57 188.1	20 66.0
7	38 125.4	9 29.7
8	43 141.9	8 26.4
9	45 148.5	8 26.4
10	50 165.0	10 33.0
T	1557.6	363.0
\bar{x}	155.8	36.3

Sertoli Cells: seen

Remarks: _____

No. 4-34 Date 4/5-9
Spermatogenic Condition abnormal

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: seen

Remarks: organization chaotic —
sperm maturing through
tubules

No. 4-35 Date 4/59

Spermatogenic Condition (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	54 178.2	7 - 23.1
2	48 158.4	8 26.4
3	42 138.6	11 36.3
4	42 138.6	6 19.8
5	35 115.5	10 33.0
6	42 138.6	10 33.0
7	38 125.4	10 33.0
8	51 168.3	9 29.7
9	40 132.0	8 26.4
10	48 158.4	12 39.6
T	1452.0	300.3
\bar{x}	145.2	30.0

Sertoli Cells: seen

Remarks: _____

No. 4-36 Date V/c 59
Spermatogenic Condition ②

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	57	188.1	10 33.0
2	43	141.9	9 29.7
3	40	132.0	5- 16.5
4	39	128.7	7 23.1
5	39	128.7	8 26.4
6	46	157.8	10 33.0
7	57	188.1	9 29.7
8	57	188.1	11 36.3
9	43	141.9	8 26.4
10	48	158.4	11 36.3
T		1547.7	290.4
\bar{x}		154.8	29.0

Sertoli Cells: seen

Remarks: _____

No. 4-37 Date 11/1/59

Spermatogenic Condition crit. n

	Seminiferous		Seminiferous
	Interstitial Cell nuclear diam.	tubule diam.	epith. height
1	25	82.5	
2	22	72.6	
3	23	75.9	
4	30	99.0	
5	21	69.3	
6	25	82.5	
7	26	85.8	
8	24	79.2	
9	24	79.2	
10	22	72.6	
T		798.6	
\bar{x}		79.9	

Sertoli Cells: seen

Remarks: _____

No. 4-39 Date VI 6/59

Spermatogenic Condition (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	15 49.5	
2	12 39.6	
3	14 46.2	
4	13 42.9	
5	12 39.6	
6	13 42.9	
7	12 39.6	
8	13 42.9	
9	17 56.1	
10	13 42.9	
T	442.2	
\bar{x}	44.2	

Sertoli Cells: seen

Remarks: _____

No. 4-42Date 4/1/59
8Spermatogenic Condition (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	24 79.2	
2	25 82.5	
3	21 69.3	
4	19 62.7	
5	23 75.9	
6	24 79.2	
7	23 75.9	
8	21 69.3	
9	25 82.5	
10	19 62.7	
T	739.2	
\bar{x}	73.9	

Sertoli Cells: seenRemarks: very elongate Sertoli cell
nuclei

No. 4-43 Date VII/59

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	57 - 122.1	
2	27 89.1	
3	24 85.8	
4	33 108.9	
5	22 72.4	
6	23 75.9	
7	24 85.8	
8	29 95.7	
9	23 75.9	
10	29 95.7	
T	907.5	
\bar{x}	90.8	

Sertoli Cells: seen

Remarks: _____

No. 4-44 Date VI/59
Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	63 - 207.9	
2	42 138.6	
3	48 158.4	
4	37 122.1	
5	40 132.0	
6	60 198.0	
7	45 148.5	
8	53 174.9	
9	50 165.0	
10	47 155.1	
T	1600.5	
\bar{x}	160.0	

Sertoli Cells: seen

Remarks: _____

No. 4-46 Date VI/11/59
0

Spermatogenic Condition (2)

Interstitial Cell	Seminiferous	Seminiferous
nuclear diam.	tubule diam.	epith. height
1	19 62.7	
2	19 62.7	
3	25 82.5	
4	21 69.3	
5	21 69.3	
6	22 72.6	
7	23 75.9	
8	18 59.4	
9	20 66.0	
10	20 66.0	
T	686.4	
\bar{x}	68.6	

Sertoli Cells: seen

Remarks: _____

No. 4-50 Date 11/1/59
Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	37 - 122.1	
2	49 161.7	
3	49 161.7	
4	47 155.1	
5	48 158.4	
6	42 138.6	
7	44 145.2	
8	48 158.4	
9	59 194.7	
10	59 194.7	
T	1590.6	
\bar{x}	159.1	

Sertoli Cells: seen

Remarks: _____

No. 4-53 Date VI/11/59

Spermatogenic Condition (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	40 132.0	
2	31 102.3	
3	31 102.3	
4	28 92.4	
5	28 92.4	
6	37 122.1	
7	35 115.5	
8	39 128.7	
9	36 118.8	
10	38 125.4	
T	1131.9	
\bar{x}	113.2	

Sertoli Cells: seen

Remarks: _____

No. 4-55 Date VII/59

Spermatogenic Condition ② 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	38 125.4	
2	36 118.8	
3	38 125.4	
4	39 128.7	
5	36 118.8	
6	41 135.3	
7	45 148.5	
8	36 118.8	
9	38 125.4	
10	48 158.4	
T	1303.5	
\bar{x}	130.4	

Sertoli Cells: seen

Remarks: _____

No. 4-524 Date 1/11/59

Spermatogenic Condition ② 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	30 99.0	
2	43 141.9	
3	27 89.1	
4	32 105.4	
5	31 102.3	
6	29 95.7	
7	24 79.2	
8	25 82.5	
9	25 82.5	
10	30 99.0	
T	976.8	
\bar{x}	97.7	

Sertoli Cells: seen

Remarks: _____

No. 4-57 Date VII/59
9

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	29 95.7	
2	32 105.6	
3	28 92.4	
4	29 95.7	
5	27 89.1	
6	29 95.7	
7	26 85.8	
8	27 89.1	
9	32 105.6	
10	30 99.0	
T	953.7	
\bar{x}	95.4	

Sertoli Cells: seen

Remarks: _____

No. 4-5.8 Date VII/1/59
Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	29 95.7	
2	27 89.1	
3	30 99.0	
4	27 89.1	
5	29 95.7	
6	28 92.4	
7	30 99.0	
8	26 85.8	
9	25 82.5	
10	25 82.5	
T	910.8	
\bar{x}	91.1	

Sertoli Cells: seen

Remarks: _____

No. 4-60 Date VIII/5-9

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	40 132.0	
2	43 141.9	
3	42 138.6	
4	50 165.0	
5	44 145.2	
6	43 141.9	
7	37 122.1	
8	52 171.6	
9	45 148.5	
10	42 138.6	
	43 141.9	
T	1587.3	
\bar{x}	144.3	

Sertoli Cells: seen

Remarks: _____

No. 4-61 Date 4/11/59

Spermatogenic Condition 9

	Seminiferous ⁽²⁾		Seminiferous epith. height
	Interstitial Cell nuclear diam.	tubule diam.	
1	25	82.5	
2	19	62.7	
3	25	82.5	
4	23	75.9	
5	22	72.6	
6	19	62.7	
7	17	56.1	
8	27	89.1	
9	22	72.6	
10	26	85.8	
T		742.5	
\bar{x}		74.2	

Sertoli Cells: seen

Remarks: _____

No. 4-62 Date VIII/59
Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height
1	49	161.7	
2	57	168.3	
3	38	125.4	
4	57	168.3	
5	43	141.9	
6	38	125.4	
7	43	141.9	
8	39	128.7	
9	54	178.2	
10	49	161.7	
T	1501.5		
\bar{x}	150.2		

Sertoli Cells: seen

Remarks: _____

No. 4-65 Date 1X/59
Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	45 - 148.5	
2	44 145.2	
3	52 171.6	
4	40 132.0	
5	45 148.5	
6	48 158.4	
7	41 135.3	
8	40 132.0	
9	32 105.6	
10	50 165.0	
T	1432.1	
\bar{x}	143.2	

Sertoli Cells: seen

Remarks: _____

No. 4-66 Date 1/8/59
9

Spermatogenic Condition (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	42 138.6	
2	46 157.8	
3	38 125.4	
4	40 132.0	
5	46 151.8	
6	38 125.4	
7	45 148.5	
8	45 148.5	
9	50 165.0	
10	34 112.2	
T	1399.2	
\bar{x}	139.9	

Sertoli Cells: seen

Remarks: _____

No. 4-6.8 Date 11/5-9
Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	34 112.2	
2	36 118.8	
3	40 132.0	
4	42 138.6	
5	31 102.3	
6	43 141.9	
7	37 122.1	
8	43 141.9	
9	39 128.7	
10	41 135.3	
T	1273.8	
\bar{x}	127.4	

Sertoli Cells: seen

Remarks: _____

No. 41-69 Date 18/5-9

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	45 148.5	
2	37 122.1	
3	57 188.1	
4	41 135.3	
5	58 191.4	
6	64 211.2	
7	48 158.4	
8	52 171.6	
9	45 148.5	
10	55 181.5	
T	1656.6	
\bar{x}	165.7	

Sertoli Cells: seen

Remarks: _____

No. 4-70 Date 11/5-9

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	45 148.5	
2	46 157.8	
3	40 132.0	
4	40 132.0	
5	46 151.8	
6	43 141.9	
7	41 135.3	
8	52 171.6	
9	45 148.5	
10	57 188.1	
T	1501.5	
\bar{x}	150.2	

Sertoli Cells: seen

Remarks: _____

No. 4-72 Date 18/5/9

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	39 128.7	
2	48 158.4	
3	43 141.9	
4	48 158.4	
5	42 138.6	
6	39 128.7	
7	47 155.1	
8	39 128.7	
9	39 128.7	
10	40 132.0	
T	1399.2	
\bar{x}	139.9	

Sertoli Cells: seen

Remarks: _____

No. 4-75 Date 11/59
9

Spermatogenic Condition (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	39 - 128.7	
	35 115.5	
2		
	34 112.2	
3		
	36 118.8	
4		
	33 108.9	
5		
	52 165.0	
6		
	47 155.1	
7		
	34 112.2	
8		
	47 155.1	
9		
	34 112.2	
10		
T	1283.7	
\bar{x}	128.4	

Sertoli Cells: seen

Remarks: _____

No. 4-77 Date 18/59

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	36 118.8	
2	36 118.8	
3	50 165.0	
4	48 158.4	
5	43 141.9	
6	48 158.4	
7	45 148.5	
8	37 122.1	
9	50 165.0	
10	32 105.6	
T	1402.5	
\bar{x}	140.2	

Sertoli Cells: seen

Remarks: _____

No. 4-78 Date 1X/59Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous ⁽²⁾ tubule diam.	Seminiferous epith. height
1	41 135.3	
2	39 128.7	
3	52 171.6	
4	57 168.3	
5	45 148.5	
6	48 158.4	
7	49 161.7	
8	44 145.2	
9	52 171.6	
10	56 184.8	
T	1574.1	
\bar{x}	157.4	

Sertoli Cells: seenRemarks: _____

No. 4-79 Date IX/59

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	30 99.0	
2	30 99.0	
3	24 79.2	
4	34 112.2	
5	30 99.0	
6	29 95.7	
7	34 112.2	
8	27 89.1	
9	28 92.4	
10	35 115.5	
T	993.3	
\bar{x}	99.3	

Sertoli Cells: seen

Remarks: _____

No. 4-82 Date 4/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	70 - 231.0	10 33.0
2	65 214.5	10 33.0
3	52 171.6	12 39.6
4	71 234.3	11 36.3
5	54 178.2	15 - 49.5
6	69 227.7	10 33.0
7	66 217.8	13 42.9
8	58 191.4	10 33.0
9	71 234.3	16 52.8
10	74 244.2	10 33.0
T	2145.0	386.1
\bar{x}	214.5	38.6

Sertoli Cells: seen

Remarks: _____

No. 4-86 Date 11/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	83 223.9	17 - 56.1
2	59 194.7	12 39.6
3	65 214.5	14 52.8
4	64 211.2	11 36.3
5	73 240.9	15 49.5
6	63 207.9	14 46.2
7	75 247.5	12 39.6
8	74 250.8	12 39.6
9	61 201.3	14 52.8
10	52 171.6	19 62.7
T	2214.3	4175.2
\bar{x}	221.4	47.5

Sertoli Cells: seen

Remarks: _____

E = 330 μ

(4)

No. 9-57 Date VIII/60
Spermatogenic Condition 8

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	22 - 72.6	
2	23 75.9	
3	23 75.9	
4	19 62.7	
5	19 62.7	
6	24 79.2	
7	22 72.6	
8	24 79.2	
9	27 89.1	
10	21 69.3	
T	739.2	
\bar{x}	73.9	

Sertoli Cells: seen

Remarks: _____

No. 4-88 Date VII/60

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	27 89.1	
2	23 75.9	
3	24 79.2	
4	26 85.8	
5	23 75.9	
6	26 85.8	
7	20 66.0	
8	23 75.9	
9	24 79.2	
10	27 89.1	
T	801.9	
\bar{x}	80.2	

Sertoli Cells: seen

Remarks: large nucleated cells
in accessory gland (?) present

No. 4-90 Date VIII/60

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	^② Seminiferous tubule diam.	Seminiferous epith. height
1	27 89.1	
2	31 102.3	
3	28 92.4	
4	35 115.5	
5	32 105.6	
6	30 99.0	
7	34 112.2	
8	34 112.2	
9	35 115.5	
10	27 89.1	
T	1032.9	
\bar{x}	103.3	

Sertoli Cells: seen

Remarks: _____

No. 4-91 Date VII/60

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	40 132.0	
2	37 122.1	
3	34 112.2	
4	37 122.1	
5	34 112.2	
6	44 145.2	
7	37 122.1	
8	43 141.9	
9	42 138.6	
10	34 118.8	
T	1267.2	
\bar{x}	126.7	

Sertoli Cells: seen

Remarks: _____

No. 4-102 Date VII/60

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	18 59.4	
2	19 62.7	
3	20 66.0	
4	17 56.1	
5	20 66.0	
6	21 69.3	
7	17 56.1	
8	17 56.1	
9	17 56.1	
10	19 62.7	
T	610.5	
\bar{x}	61.0	

Sertoli Cells: seen

Remarks: _____

No. 4-104 Date 10/61Spermatogenic Condition 3

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	42 - 138.6	20 - 66.0
2	44 145.2	18 59.4
3	41 135.3	10 33.0
4	39 128.7	15 49.5
5	51 168.3	13 42.9
6	43 141.9	16 52.8
7	51 168.3	21 69.3
8	44 145.2	13 42.9
9	44 145.2	15 49.5
10	48 158.4	13 42.9
T	1475.1	508.2
\bar{x}	147.5	50.8

Sertoli Cells: seenRemarks: holes in middle of
tissue; peripheral tubules still
9

No. 4-106 Date 10/61
5
 Spermatogenic Condition

(2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	55 - 181.5	18 59.4
2	45 - 148.5	11 36.3
3	58 165.0	13 42.9
4	63 207.9	18 59.4
5	43 141.9	13 42.9
6	49 161.7	18 59.4
7	63 207.9	17 56.1
8	46 151.8	15 49.5
9	44 145.2	10 33.0
10	46 151.8	12 39.6
T	1663.2	478.5
\bar{x}	166.3	47.8

Sertoli Cells: seen

Remarks: _____

No. 4-107 Date 10/61

Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	(2) Seminiferous tubule diam.		Seminiferous epith. height	
1		47	155.1	20	66.0
2		54	178.2	22	72.6
3		57	168.3	21	69.3
4		52	184.8	18	59.4
5		48	158.4	18	59.4
6		58	191.4	16	52.8
7		58	191.4	18	59.4
8		48	158.4	20	66.0
9		54	178.2	23	75.9
10		55	181.5	18	59.4
T		1745.7		640.2	
\bar{x}		174.6		64.0	

Sertoli Cells: seen

Remarks: _____

No. 4-109 Date 10/61

Spermatogenic Condition 3

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	76 250.8	15 - 49.5
2	62 204.4	20 66.0
3	53 174.9	22 72.6
4	54 178.2	19 62.7
5	63 207.9	21 69.3
6	66 217.8	25 82.5
7	46 151.8	19 62.7
8	55 181.5	21 69.3
9	56 184.8	21 69.3
10	57 168.3	17 56.1
T	1920.6	660.0
\bar{x}	192.1	66.0

Sertoli Cells: seen

Remarks: _____

No. 4-112 Date 10/61Spermatogenic Condition 3

Interstitial Cell nuclear diam.	^② Seminiferous tubule diam.	Seminiferous epith. height
1	62 204.6	20 - 66.0
2	60 198.0	21 69.3
3	56 184.8	18 59.4
4	59 194.7	16 52.8
5	70 231.0	29 95.7
6	58 191.4	17 52.1
7	58 191.4	21 69.3
8	55 181.5	18 59.4
9	47 155.1	15 49.5
10	47 155.1	15 49.5
T	1887.6	627.0
\bar{x}	188.8	62.7

Sertoli Cells: seen

Remarks: _____

No. 4-113 Date 10/61Spermatogenic Condition 4

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	52 - 171.4	12 39.6
2	59 194.7	16 52.8
3	56 184.8	25 82.5
4	49 161.7	14 46.2
5	55 181.5	16 52.8
6	54 178.2	25 82.5
7	56 184.8	20 66.0
8	60 198.0	17 56.1
9	56 165.0	18 59.4
10	57 188.1	19 62.7
T	1808.4	600.4
\bar{x}	180.8	60.1

Sertoli Cells: seen

Remarks: _____

No. 4-114 Date 10/61

Spermatogenic Condition 3

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	72 - 237.6	21 69.3
2	52 171.6	15 49.5
3	62 204.6	18 59.4
4	61 201.3	19 62.7
5	55 181.5	14 46.2
6	69 227.7	18 59.4
7	62 204.6	25 82.5
8	67 221.1	23 75.9
9	69 227.7	22 72.6
10	59 194.7	17 56.1
T	2072.4	633.6
\bar{x}	207.2	63.4

Sertoli Cells: seen

Remarks: _____

No. 4-115 Date 10/61

Spermatogenic Condition 3

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	57 - 188.1	15 49.5
2	53 174.9	15 49.5
3	46 151.8	15 49.5
4	56 184.8	17 56.1
5	65 214.5	14 46.2
6	49 161.7	18 59.4
7	59 194.7	15 49.5
8	60 198.0	20 66.0
9	56 184.8	15 49.5
10	59 194.7	18 59.4
T	1848.0	554.6
\bar{x}	184.8	55.5

Sertoli Cells: seen

Remarks: _____

No. 4-116 Date 10/61Spermatogenic Condition 3

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	46 151.8	18 - 59.4
2	61 201.3	26 85.8
3	41 135.3	15 49.5
4	57 188.1	19 62.7
5	47 155.1	19 62.7
6	51 168.3	12 39.6
7	47 155.1	18 59.4
8	45 148.5	17 56.1
9	70 231.0	23 75.9
10	60 198.0	22 72.6
T	1732.5	622.8
\bar{x}	173.2	62.3

Sertoli Cells: seen

Remarks: _____

No. 4-118 Date 10/6/61Spermatogenic Condition 5

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	69 227.7	19 62.7
2	71 234.3	20 66.0
3	82 270.6	22 72.6
4	67 221.1	12 39.6
5	59 194.7	11 36.3
6	56 184.8	15 49.5
7	64 211.2	21 69.3
8	57 188.1	20 66.0
9	57 188.1	20 66.0
10	71 234.3	20 66.0
T	2054.9	594.0
\bar{x}	205.5	59.4

Sertoli Cells: seen

Remarks: _____

No. 4-119 Date 10/61

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	73 240.9	16 - 52.8
2	60 198.0	14 46.2
3	59 194.7	15 49.5
4	58 191.4	15 49.5
5	76 250.8	15 49.5
6	75 247.5	11 36.3
7	78 257.4	19 62.7
8	62 204.6	20 66.0
9	54 178.2	20 66.0
10	64 211.2	20 66.0
T	2174.7	544.5
\bar{x}	217.5	54.4

Sertoli Cells: seen

Remarks: _____

No. 4-121 Date 10/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous ⁽²⁾ tubule diam.		Seminiferous epith. height	
1	64	211.2	14 -	46.2
2	51	168.3	15	49.5
3	52	171.6	11	36.3
4	67	221.1	23	75.9
5	55	181.5	10	33.0
6	53	174.9	16	52.8
7	51	168.3	10	33.0
8	80	264.0	12	39.6
9	63	207.9	15	49.5
10	62	204.6	14	46.2
T	1973.4		462.0	
\bar{x}	197.3		46.2	

Sertoli Cells: seen

Remarks: _____

No. 4-122Date 10/61Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	45 148.5	10 33.0
2	61 201.3	12 39.6
3	47 155.1	14 46.2
4		
5		
6		
7		
8		
9		
10		
T	504.9	118.8
\bar{x}	168.3	39.6

Sertoli Cells: seenRemarks: tissue shredded

No. 4-123 Date 10/6/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	68 224.4	20 66.0
2	60 198.0	12 39.6
3	101 333.3	22 72.6
4		
5		
6		
7		
8		
9		
10		
T	755.7	178.2
\bar{x}	251.9	59.4

Sertoli Cells: seen

Remarks: tissue shredded

No. 4-124 Date 10/6/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	84 - 277.2	12 39.6
2	47 155.1	12 39.6
3		
4		
5		
6		
7		
8		
9		
10		
T	432.3	
\bar{x}	216.2	39.6

Sertoli Cells: seen

Remarks: tissue shredded

No. 9-125Date 10/6/61Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. ⁽²⁾	Seminiferous epith. height
1	58 - 191.4	11 - 36.3
2	60 198.0	14 46.2
3	72 237.6	18 59.4
4	72 237.6	17 56.1
5	54 178.2	14 46.2
6	57 188.1	13 42.9
7	54 178.2	14 46.2
8	65 214.5	14 46.2
9	50 165.0	13 42.9
10	72 237.6	14 46.2
T	2026.2	468.6
\bar{x}	202.6	46.9

Sertoli Cells: seenRemarks: _____

No. 4-126 Date 10/6/61

Spermatogenic Condition ~~seen~~ 6

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	58 191.4	14 - 46.2
2	53 174.9	12 39.6
3	55 181.5	11 36.3
4	73 240.9	16 52.8
5	44 145.2	9 29.7
6	46 151.8	11 36.3
7		
8		
9		
10		
T	1085.7	240.9
\bar{x}	181.0	40.2

Sertoli Cells: seen

Remarks: tissue in poor condition

No. 4-132 Date 1/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	51 168.3	15 - 49.5
2	52 171.4	10 33.0
3	39 128.7	10 33.0
4	53 174.9	8 26.4
5	50 165.0	17 56.1
6	51 168.3	10 33.0
7	52 171.4	9 29.7
8	39 128.7	12 39.4
9		
10		
T	1277.1	300.3
\bar{x}	159.6 127.7	37.5

Sertoli Cells: _____

Remarks: pen slide

No. 4-133 Date ✓ 1/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	(2) Seminiferous tubule diam.		Seminiferous epith. height	
1	55	181.5	15	49.5
2	51	168.3	14	46.2
3	49	161.7	12	39.6
4	46	151.8	10	33.0
5	49	161.7	12	39.6
6	63	207.9	12	39.6
7	57	188.1	9	29.7
8	48	158.4	11	36.3
9	52	171.6	12	39.6
10	49	161.7	12	39.6
T	1712.7		392.7	
\bar{x}	171.3		39.3	

Sertoli Cells: seen

Remarks: _____

$\bar{x} = 36.3$ (4)

No. 4-134 Date 11/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	76 250.8	16 - 52.8
2	55 181.5	9 29.7
3	60 198.0	20 66.0
4	61 201.3	20 66.0
5	51 168.3	15 49.5
6	69 227.7	10 33.0
7		
8		
9		
10		
T	1227.6	297.0
\bar{x}	204.6	49.5

Sertoli Cells: seen

Remarks: poor slide

No. 4-135 Date 1/6/61

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: tissue shredded

No. 4-134 Date 1/6/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	48 - 158.4	10 - 33.0
2	44 145.2	14 46.2
3	42 138.6	15 49.5
4	46 157.8	9 29.7
5	51 168.3	9 29.7
6	47 155.1	12 39.6
7	48 158.4	17 56.1
8	44 145.2	8 26.4
9	45 148.5	13 42.9
10	48 158.4	11 36.3
T	1527.9	589.4
\bar{x}	152.8	38.9

Sertoli Cells: seen

Remarks: _____

No. 4-137 Date 2/6/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	69 - 227.7	10 33.0
2	48 158.4	10 33.0
3	57 188.1	14 52.8
4	48 158.4	13 42.9
5	41 135.3	17 56.1
6	62 204.6	15 49.5
7	48 158.4	10 33.0
8	44 145.2	11 36.3
9	57 168.3	11 36.3
10	50 165.0	15 49.5
T	1709.4	422.4
\bar{x}	170.9	42.2

Sertoli Cells: seen

Remarks: _____

No. 4-138 Date 4/6/61
Spermatogenic Condition 6

Spermatogenesis			
Interstitial Cell nuclear diam.	(2)		Seminiferous epith. height
	Seminiferous tubule diam.		
1	45	148.5	12 - 39.6
2	35	115.5	11 36.3
3	53	174.9	10 33.0
4	70	231.0	10 33.0
5	44	145.2	13 42.9
6	55	181.5	15 49.5
7	75	247.5	14 46.2
8	51	168.3	10 33.0
9	56	184.8	12 39.6
10	54	178.2	13 42.9
T	1775.4		396.0
\bar{x}	177.5		39.6

Sertoli Cells: seen

Remarks: _____

$E = 33.0 \mu$

(3)

No. 4-139 Date 1/6/61

Spermatogenic Condition

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	60 198.0	13 - 42.9
2	58 165.0	13 42.9
3	53 174.9	16 52.8
4	49 161.7	8 26.4
5	59 194.7	10 33.0
6	58 191.4	10 33.0
7	70 231.0	14 46.2
8	70 231.0	15 49.5
9	61 201.3	12 39.6
10	54 178.2	16 52.8
T	1927.2	419.1
\bar{x}	192.7	41.9

Sertoli Cells: seen

Remarks: _____

No. 4-140 Date 11/61Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	53 174.9	12 39.6
2	57 168.3	14 46.2
3	49 161.7	8 26.4
4	45 148.5	17 56.1
5	56 184.8	15 49.5
6	64 211.2	11 36.3
7	57 168.3	8 26.4
8	57 188.1	16 52.8
9	45 148.5	13 42.9
10	41 135.3	10 33.0
T	1689.6	4108.2
\bar{x}	169.0	40.8

Sertoli Cells: seen

Remarks: _____

No. 4-141 Date 4/6/61Spermatogenic Condition 6

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	52 - 171.6	16 - 52.8
2	48 158.4	9 29.7
3	55 181.5	12 39.6
4	58 191.4	14 46.2
5	53 174.9	8 26.4
6	69 227.7	15 49.5
7	55 181.5	11 36.3
8	46 151.8	6 19.8
9	54 178.2	12 39.6
10	51 168.3	10 33.0
T	1785.3	372.9
\bar{x}	178.5	37.3

Sertoli Cells: seen

Remarks: _____

No. 4-142 Date 4/6/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	54 178.2	8 26.4
2	65 214.5	14 46.2
3	55 181.5	8 26.4
4	44 145.2	13 42.9
5	60	14
6	55	10
7	49	10
8	56	11
9	61	12
10	57	13
T	719.4	141.9
\bar{x}	179.8	35.5

Sertoli Cells: seen

Remarks: poor slide

No. 4-143 Date 4/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	64 211.2	11 - 36.3
2	68 224.4	7 23.1
3	60 198.0	14 46.2
4	55 181.5	10 33.0
5	49 161.7	10 33.0
6	56 184.8	11 36.3
7	61 201.3	12 39.6
8	57 188.1	13 42.9
9		
10		
T	1551.0	290.4
\bar{x}	193.9	36.3

Sertoli Cells: seen

Remarks: _____

No. 4-144Date 11/61Spermatogenic Condition 6

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	48 - 158.4	10 33.0
2	56 184.8	10 33.0
3	53 174.9	9 29.7
4	60 198.0	13 42.9
5	52 184.8	10 33.0
6	45 148.5	10 33.0
7	49 161.7	11 36.3
8	49 161.7	13 42.9
9	45 148.5	11 36.3
10	61 201.3	15 49.5
T	1722.6	369.6
\bar{x}	172.3	37.0

Sertoli Cells: ~~75~~ seenRemarks: pen slide

animal is supposed to be a ♀

No. 4-159 Date 10/6/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	63 207.9	16 33.0
2	59 194.7	13 42.9
3	57 188.1	9 29.7
4	44 145.2	8 26.4
5	59 194.7	10 33.0
6	63 207.9	12 39.6
7	64 211.2	10 33.0
8	63 207.9	16 52.8
9	70 231.0	14 46.2
10	45 148.5	9 29.7
T	1937.1	366.3
\bar{x}	193.7	36.6

Sertoli Cells: seen

Remarks: _____

No. 4-161 Date 11/61Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	34 112.2	11 36.3
2	44 145.2	10 33.0
3	48 158.4	11 36.3
4	43 141.9	7 23.1
5	35 115.5	9 29.7
6	45 148.5	10 33.0
7	41 135.3	10 33.0
8	38 125.4	7 23.1
9	44 145.2	7 23.1
10	35 115.5	10 33.0
T	1343.1	303.6
\bar{x}	134.3	30.4

Sertoli Cells: seen

Remarks: _____

No. 4-164 Date 10/62

Spermatogenic Condition 5

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	55 - 181.5	15 - 49.5
2	50 165.0	16 52.8
3	56 184.8	15 - 49.5
4	64 211.2	15 - 49.5
5	51 168.3	19 62.7
6	50 165.0	16 52.8
7	68 224.4	17 56.1
8	61 201.3	13 42.9
9	62 204.6	14 46.2
10	63 207.9	15 - 49.5
T	1914.0	511.5
\bar{x}	191.4	51.2

Sertoli Cells: seen

Remarks: _____

No. 4-166Date 10/62Spermatogenic Condition 5

Interstitial Cell nuclear diam.	^② Seminiferous tubule diam.	Seminiferous epith. height
1	45 - 148.5	9 - 29.7
2	50 165.0	10 33.0
3	50 165.0	8 26.4
4	52 171.6	13 42.9
5	50 165.0	12 39.6
6	48 158.4	14 46.2
7	48 158.4	13 42.9
8	42 138.6	14 46.2
9	48 158.4	13 42.9
10	46 151.8	18 59.4
T	1580.7	409.2
\bar{x}	158.1	40.9

Sertoli Cells: seen

Remarks: _____

 $E = 29.7 \mu$ 0

No. 4-167 Date 12/62Spermatogenic Condition 5

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	41 - 135.3	15 - 49.5
2	38 125.4	11 36.3
3	53 174.9	9 29.7
4	43 141.9	11 36.3
5	55 181.5	18 59.4
6	48 158.4	14 46.2
7	44 145.2	17 56.1
8	42 138.6	10 33.0
9	49 161.7	16 52.8
10	48 158.4	11 36.3
T	1521.3	435.6
\bar{x}	152.1	43.6

Sertoli Cells: seen

Remarks: _____

No. 4-170 Date 10/62

Spermatogenic Condition 6

(2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	43 141.9	13 42.9
2	50 165.0	13 42.9
3	50 165.0	18 59.4
4	47 155.1	12 39.6
5		
6		
7		
8		
9		
10		
T	627.0	184.8
\bar{x}	156.8	46.2

Sertoli Cells: seen

Remarks: horrible tissue

No. 4-173 Date 10/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	45 - 148.5	11 - 36.3
2	45 - 148.5	12 - 39.6
3	46 151.8	11 36.3
4	37 122.1	14 46.2
5	50 165.0	15 - 49.5
6	43 141.9	10 33.0
7	54 178.2	11 36.3
8	48 158.4	18 59.4
9	36 118.8	9 29.7
10	45 - 148.5	11 36.3
T	1481.7	402.6
\bar{x}	148.2	40.3

Sertoli Cells: seen

Remarks: _____

No. 4-174 Date 11/62Spermatogenic Condition 6

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	52 - 171.6	13 - 42.9
2	47 155.1	12 39.6
3	57 188.1	17 56.1
4	67 221.1	13 42.9
5	65 214.5	12 39.6
6	68 224.4	15 49.5
7	70 231.0	9 29.7
8	60 198.0	8 26.4
9	55 181.5	16 52.8
10	63 207.9	14 46.2
T	1993.2	425.7
\bar{x}	199.3	42.6

Sertoli Cells: seenRemarks: _____

No. 4-175 Date 11/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous ⁽²⁾ tubule diam.	Seminiferous epith. height
1	41 - 135.3	14 - 46.2
2	38 125.4	6 19.8
3	38 125.4	9 29.7
4	40 132.0	7 23.1
5	41 135.3	8 26.4
6		
7		
8		
9		
10		
T	653.4	145.2
\bar{x}	130.7	29.0

Sertoli Cells: seen

Remarks: poor slide

No. 4-170 Date 4/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	44 - 145.2	10 33.0
2	52 171.6	13 42.9
3	43 141.9	9 29.7
4	53 174.9	13 42.9
5	44 145.2	14 46.2
6	45 148.5	17 56.1
7	44 145.2	15 49.5
8	53 174.9	15 49.5
9		
10		
T	1247.4	349.8
\bar{x}	155.9	43.7

Sertoli Cells: seen

Remarks: pen slide

$$E = 30.3 \mu$$

(2)

No. 4-177 Date 1/6/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	55 - 181.5	9 29.7
2	52 184.8	15 49.5
3	57 168.3	9 29.7
4	47 155.1	14 46.2
5	45 148.5	14 46.2
6	54 178.2	14 46.2
7	51 168.3	8 26.4
8	66 217.8	16 52.8
9	55 181.5	17 56.1
10	44 145.2	11 36.3
T	1729.2	4191
\bar{x}	172.9	41.9

Sertoli Cells: seen

Remarks: good slide

No. 4-178 Date 11/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	77 - 254.1	9 29.7
2	58 191.4	8 26.4
3	47 155.1	9 29.7
4	49 161.7	10 33.0
5	55 181.5	16 52.8
6	59 194.7	13 42.9
7	47 155.1	9 29.7
8	58 191.4	15 49.5
9	49 161.7	6 19.8
10	54 178.2	9 29.7
T	1824.9	343.2
\bar{x}	182.5	34.3

Sertoli Cells: seen

Remarks: _____

No. 4-180Date 11/6/62Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous ⁽²⁾ tubule diam.	Seminiferous epith. height
1	62 - 204.6	13 - 42.9
2	65 - 214.5	15 - 49.5
3	63 - 207.9	18 - 59.4
4	57 - 188.1	20 - 66.0
5	70 - 231.0	20 - 66.0
6	59 - 194.7	13 - 42.9
7	62 - 204.6	17 - 56.1
8	62 - 204.6	17 - 56.1
9	52 - 171.6	15 - 49.5
10	74 - 244.2	13 - 42.9
T	2065.8	531.3
\bar{x}	206.6	53.1

Sertoli Cells: seen

Remarks: _____

No. 4-181 Date V/62Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	53 - 174.9	10 - 33.0
2	60 198.0	14 46.2
3	59 194.7	20 66.0
4	50 165.0	14 46.2
5	53 174.9	11 36.3
6	55 181.5	12 39.6
7	59 194.7	10 33.0
8	52 171.6	11 36.3
9	64 211.2	20 66.0
10	56 184.8	14 52.8
T	1851.3	455.4
\bar{x}	185.1	45.5

Sertoli Cells: seen

Remarks: _____

No. 4-183 Date 11/6/62

Spermatogenic Condition 6

	(2)			
	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height	
1	50	165.0	12	39.6
2	50	165.0	10	33.0
3	41	135.3	15	49.5
4	59	194.7	17	56.1
5	65	214.5	20	66.0
6	61	201.3	15	49.5
7	46	157.8	14	46.2
8	50	165.0	12	39.6
9	59	194.7	12	39.6
10	57	188.1	21	69.3
T	1775.4		488.4	
\bar{x}	177.5		48.8	

Sertoli Cells: seen

Remarks: _____

No. 4-184 Date 4/6/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	42 - 138.6	9 29.7
2	49 141.7	7 23.1
3	59 194.7	11 36.3
4	53 174.9	10 33.0
5	43 141.9	8 24.4
6	58 191.4	13 42.9
7	57 188.1	13 42.9
8	55 181.5	9 29.7
9	50 165.0	14 52.8
10	50 165.0	12 39.6
T	1702.8	356.4
\bar{x}	170.3	35.6

Sertoli Cells: seen

Remarks: _____

No. 4-187 Date 4/6/62

Spermatogenic Condition 6

	Seminiferous		Seminiferous	
	Interstitial Cell nuclear diam.	tubule diam.	epith. height	
1	60	198.0	15	49.5
2	59	194.7	17	56.1
3	65	214.5	22	72.6
4	62	204.6	21	69.3
5	64	211.2	15	49.5
6	58	191.4	17	56.1
7	69	227.7	18	59.4
8	61	201.3	12	39.6
9	59	194.7	11	36.3
10	60	198.0	13	42.9
T	2036.1		531.3	
\bar{x}	203.6		53.1	

Sertoli Cells: seen

Remarks: _____

No. 4-189 Date 4/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	63 207.9	15 49.5
2	60 198.0	10 33.0
3	48 158.4	9 29.7
4	56 184.8	12 39.6
5	55 181.5	18 59.4
6	55 181.5	10 33.0
7	48 158.4	11 36.3
8	64 211.2	16 52.8
9	55 181.5	14 46.2
10	48 158.4	10 33.0
T	1821.6	412.5
\bar{x}	182.2	41.2

Sertoli Cells: seen

Remarks: large intertubular spaces,

No. 4-194 Date 4/6/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	65 214.5	21 - 69.3
2	62 204.6	20 66.0
3	56 184.8	12 39.6
4	58 191.4	15 49.5
5	65 214.5	15 49.5
6	57 188.1	9 29.7
7	60 198.0	15 49.5
8	65 214.5	12 39.6
9	65 214.5	15 49.5
10	61 201.3	15 49.5
T	2026.2	4191.7
\bar{x}	202.6	49.2

Sertoli Cells: seen

Remarks: _____

No. 4-195 Date 11/10/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	49 161.7	11 - 36.3
2	42 138.4	9 29.7
3	47 155.1	13 42.9
4	62 204.6	11 36.3
5	52 171.6	13 42.9
6	65 214.5	13 42.9
7	44 211.2	13 42.9
8	50 145.0	10 33.0
9	55 181.5	9 29.7
10	55 181.5	11 36.3
T	1785.3	372.9
\bar{x}	178.5	37.3

Sertoli Cells: seen

Remarks: _____

E = 26.4 μ

(4)

No. 4-194 Date 11/6/62

Spermatogenic Condition 6

	Seminiferous		Seminiferous	
	Interstitial Cell nuclear diam.	tubule diam.	epith. height	
1	52	171.6	10	33.0
2	48	158.4	15	49.5
3	49	161.7	13	42.9
4	37	122.1	8	26.4
5	48	158.4	9	29.7
6	49	161.7	15	49.5
7	57	188.1	14	46.2
8	52	171.6	8	26.4
9	48	158.4	8	26.4
10	59	194.7	12	39.6
T	1646.7		369.4	
\bar{x}	164.7		37.0	

Sertoli Cells: seen

Remarks: _____

No. 4-197 Date 11/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	50	165.0	15 - 49.5
2	48	158.4	11 - 36.3
3	48	158.4	17 - 52.1
4	50	165.0	10 - 33.0
5	54	178.2	10 - 33.0
6	55	181.5	12 - 39.6
7	50	165.0	15 - 49.5
8	45	148.5	13 - 42.9
9	46	151.8	10 - 33.0
10	53	174.9	10 - 33.0
T		1646.7	405.9
\bar{x}		164.7	40.6

Sertoli Cells: seen

Remarks: _____

No. 4-199 Date 4/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	67 - 221.1	13 - 42.9
2	60 198.0	11 36.3
3	55 181.5	12 39.6
4	50 165.0	11 36.3
5	48 158.4	17 56.1
6	67 221.1	14 46.2
7	58 191.1	11 36.3
8	66 217.8	14 46.2
9	75 247.5	13 42.9
10	59 194.7	10 33.0
T	1996.5	415.8
\bar{x}	199.6	41.6

Sertoli Cells: seen

Remarks: _____

No. 4-200 Date 4/62

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	53 - 174.9	12 - 39.6
2	52 171.6	10 33.0
3	53 174.9	10 33.0
4	40 132.0	11 36.3
5	37 122.1	6 19.8
6	40 132.0	11 36.3
7	46 151.8	14 46.2
8	50 165.0	12 39.6
9	60 198.0	12 39.6
10	47 155.1	14 46.2
T	1577.4	369.6
\bar{x}	157.7	37.0

Sertoli Cells: seen

Remarks: _____

No. 4-202 Date 4/6/62

Spermatogenic Condition 6

	Interstitial Cell		Seminiferous		Seminiferous	
	nuclear diam.	tubule diam.	tubule diam.	epith. height	epith. height	
1		64	211.2	11	-	36.3
2		54	178.2	17		56.1
3		51	168.3	13		42.9
4		47	155.1	11		36.3
5		49	161.7	12		39.6
6		62	204.6	14		46.2
7		58	191.4	15		49.5
8		60	198.0	16		52.8
9		55	181.5	11		36.3
10		65	214.5	12		39.6
T			1864.5			434.6
\bar{x}			186.4			43.5

Sertoli Cells: seen

Remarks: _____

$$E = 29.7 \mu$$

(3)

No. 4-207 Date 4/6/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	64 - 211.2	12 - 39.6
2	63 207.9	9 29.7
3	65 214.5	13 42.9
4	63 207.9	9 29.7
5	72 237.6	15 49.5
6	74 244.2	13 42.9
7	70 231.0	12 39.6
8	65 214.5	13 42.9
9	54 178.2	16 52.8
10	59 194.7	13 42.9
T	2141.7	412.5
\bar{x}	214.2	41.2

Sertoli Cells: seen

Remarks: tissue folded, broken

No. 4-209 Date VI/62

Spermatogenic Condition 6

	Seminiferous ⁽²⁾		Seminiferous	
	Interstitial Cell nuclear diam.	tubule diam.	epith. height	
1		62 - 204.6	9 -	29.7
2	51	168.3	14	44.2
3	39	128.7	13	42.9
4	45	148.5	9	29.7
5	62	204.6	14	52.8
6	46	157.8	13	42.9
7	50	165.0	15	49.5
8	42	138.6	10	33.0
9	53	174.9	10	33.0
10	44	145.2	13	42.9
T		1630.2		402.6
\bar{x}		163.0		40.3

Sertoli Cells: seen

Remarks: _____

No. 4-213 Date 11/6/62
Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	59 - 194.7	15 49.5
2	46 151.8	17 56.1
3	51 168.3	11 36.3
4	48 158.4	15 49.5
5	48 158.4	16 52.8
6	60 198.0	18 59.4
7	58 191.4	16 52.8
8		
9		
10		
T	1221.0	356.4
\bar{x}	174.4	50.9

Sertoli Cells: seen

Remarks: tissue shredded

animal supposed to be a ♀

No. 4-214 Date 4/6/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous ⁽²⁾ tubule diam.		Seminiferous epith. height	
1	52	171.6	14	46.2
2	45	148.5	13	42.9
3	41	135.3	12	39.6
4	37	122.1	8	26.4
5	52	171.6	14	46.2
6	42	138.6	14	46.2
7	44	145.2	8	26.4
8	41	135.3	12	39.6
9	50	165.0	11	36.3
10	45	148.5	7	23.1
T	1481.7		372.9	
\bar{x}	148.2		37.3	

Sertoli Cells: seen

Remarks: good slide

No. 4-216 Date 1/20/62

Spermatogenic Condition 6

	Interstitial Cell		Seminiferous	
	nuclear diam.	tubule diam.	epith. height	
1	46	157.8	10	35.0
2	53	174.9	15	49.5
3	49	161.7	13	42.9
4	52	171.6	11	36.3
5	40	132.0	11	36.3
6	52	184.8	11	36.3
7	55	181.5	14	46.2
8	46	157.8	11	36.3
9	47	155.1	8	26.4
10	48	158.4	12	39.6
T	1623.4		382.8	
\bar{x}	162.4		38.3	

Sertoli Cells: seen

Remarks: _____

$E = 29.7 \mu$ 4

No. 4-219 Date Dec/62
Spermatogenic Condition 60

	②			
	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height	
1		58 - 191.4	13	42.9
2		50 165.0	11	36.3
3		60 198.0	9	29.7
4		39 128.7	10	33.0
5		42 138.6	10	33.0
6		37 122.1	11	36.3
7		37 122.1	11	36.3
8		38 125.4	10	33.0
9		52 184.8	13	42.9
10		38 125.4	10	33.0
T		1501.5		356.4
\bar{x}		150.2		35.6

Sertoli Cells: seen

Remarks: fold in tissue

No. 4-221 Date 11/6/62
Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	41 - 135.3	9 - 29.7
2	43 141.9	6 19.8
3	45 148.5	13 42.9
4	58 191.4	12 39.6
5	53 174.9	13 42.9
6	43 141.9	7 23.1
7	28 92.4	8 26.4
8	49 161.7	10 33.0
9	46 157.8	10 33.0
10	52 171.6	10 33.0
T	1511.4	323.4
\bar{x}	151.1	32.3

Sertoli Cells: seen

Remarks: _____

$E = 29.7 \mu$

(4)

No. 4-222 Date 4/6/62
Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	45 - 148.5	11 - 36.3
2	43 141.9	10 33.0
3	46 157.8	20 66.0
4	45 148.5	7 23.1
5	56 184.8	10 33.0
6	57 188.1	14 46.2
7	47 155.1	10 33.0
8	44 145.2	10 33.0
9	54 178.2	11 36.3
10	43 141.9	10 33.0
T	1584.0	372.9
\bar{x}	158.4	37.3

Sertoli Cells: seen

Remarks: _____

No. 4-223 Date Dec/42
6

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	44 - 145.2	14 - 46.2
2	37 122.1	10 33.0
3	46 157.8	11 36.3
4	57 168.3	14 46.2
5	54 178.2	10 33.0
6	50 165.0	9 29.7
7	59 194.7	10 33.0
8	46 157.8	6 19.8
9	43 141.9	10 33.0
10	50 165.0	13 42.9
T	1584.0	353.1
\bar{x}	158.4	35.3

Sertoli Cells: seen

Remarks: _____

No. 4-224 Date VI/1/62

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	48 - 158.4	8 26.4
2	43 141.9	8 26.4
3	45 148.5	10 33.0
4	60 198.0	15 49.5
5	50 165.0	13 42.9
6	52 171.6	13 42.9
7	54 178.2	14 46.2
8	48 158.4	7 23.1
9	46 151.8	13 42.9
10	47 155.1	15 49.5
T	1626.9	382.8
\bar{x}	162.7	38.3

Sertoli Cells: seen

Remarks: large intertubular spaces

No. 4-225 Date 11/10/62

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	49 - 161.7	16 - 52.8
2	54 178.2	14 46.2
3	48 158.4	8 26.4
4	42 138.6	13 42.9
5	58 191.4	14 46.2
6	54 178.2	14 46.2
7	59 194.7	11 36.3
8	50 165.0	14 46.2
9	47 153.1	10 33.0
10	54 178.2	17 56.1
T	1699.5	432.3
\bar{x}	170.0	43.2

Sertoli Cells: seen

Remarks: _____

No. 4-228 Date 11/6/62
Spermatogenic Condition (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	41 - 135.3	12 - 39.6
2	62 204.6	15 49.5
3	43 141.9	10 33.0
4	49 161.7	10 33.0
5	49 161.7	12 39.6
6	48 158.4	13 42.9
7	47 153.1	12 39.6
8	55 181.5	10 33.0
9	48 158.4	8 26.4
10		
T	1458.4	336.4
\bar{x}	162.1	37.4

Sertoli Cells: seen

Remarks: _____

No. 4-230 Date 11/62
Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	50 165.0	
2	40 132.0	
3	40 132.0	
4		
5		
6		
7		
8		
9		
10		
T	429.0	
\bar{x}	143.0	

Sertoli Cells: seen

Remarks: very small piece of testes

$E = 26.4 \mu$

(4)

No. 4-232 Date VI/6/62

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	46 - 151.8	5 - 16.5
2	55 - 181.5	7 - 23.1
3	48 - 158.4	8 - 26.4
4	51 - 168.3	11 - 36.3
5	40 - 132.0	8 - 26.4
6	43 - 141.9	6 - 19.8
7	46 - 157.8	12 - 39.6
8	46 - 151.8	10 - 33.0
9	39 - 128.7	8 - 26.4
10	43 - 141.9	10 - 33.0
T	1508.1	280.5
\bar{x}	150.8	28.0

Sertoli Cells: seen

Remarks: large intertubular spaces

$$\bar{E} = 36.34$$

(3)

No. 4-233 Date 10/02

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	46 - 151.8	6 - 19.8
2	45 - 148.5	10 - 33.0
3	34 - 112.2	10 - 33.0
4	42 - 138.6	11 - 36.3
5	39 - 128.7	10 - 33.0
6	45 - 148.5	9 - 29.7
7	39 - 128.7	5 - 16.5
8	40 - 132.0	7 - 23.1
9	40 - 132.0	9 - 29.7
10	40 - 132.0	9 - 29.7
T	1353.0	283.8
\bar{x}	135.3	28.4

Sertoli Cells: seen

Remarks: _____

$E = 26.4 \mu$

(4)

No. 4-235

14/62

Spermatogenic Condition Analysis

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: no tests

$$E = 26.4 \mu$$

3

No. 4-237 Date VI/6/62

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	35 - 115.5	9 29.7
2	30 99.0	8 26.4
3	41 135.3	10 33.0
4	40 132.0	11 36.3
5	31 102.3	7 23.1
6	38 125.4	6 19.8
7	33 108.9	7 23.1
8	33 108.9	8 26.4
9	33 108.9	6 52.8
10	35 115.5	7 23.1
T	1151.7	293.7
\bar{x}	115.2	29.4

Sertoli Cells: seen

Remarks: _____

No. 4-238 Date 11/6/62
Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	14 46.2	
2	16 52.8	
3	17 56.1	
4	18 59.4	
5	16 52.8	
6	16 52.8	
7	17 56.1	
8	16 52.8	
9	17 56.1	
10	15 49.5	
T	534.6	
\bar{x}	53.5	

Sertoli Cells: seen

Remarks: _____

No. 4-240 Date 04/62

Spermatogenic Condition 6

	②			
	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height	
1		38 - 125.4	10	33.0
2		40 132.0	4	19.8
3		40 132.0	10	33.0
4		42 138.6	11	36.3
5		56 184.8	10	33.0
6		43 141.9	13	42.9
7		41 135.3	9	29.7
8		45 148.5	9	29.7
9		45 148.5	10	33.0
10		44 145.2	7	23.1
T		1432.2		313.5
\bar{x}		143.2		31.4

Sertoli Cells: seen

Remarks: _____

No. 4-241 Date 6/6/62
 Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	34 112.2	9 29.7
2	36 118.8	7 23.1
3	34 112.2	6 19.8
4	22 72.6	4 19.8
5		
6		
7		
8		
9		
10		
T	4115.8	92.4
\bar{x}	104.0	23.1

Sertoli Cells: seen

Remarks: almost a stage 7
small piece

No. 4-242 Date VI/02
7

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	50 165.0	10 33.0
2	54 178.2	14 46.2
3	49 161.7	8 26.4
4	41 135.3	15 49.5
5	40 132.0	8 26.4
6		
7		
8		
9		
10		
T	772.2	181.5
\bar{x}	154.4	36.3

Sertoli Cells: seen

Remarks: huge intertubular spaces

No. 4-243 Date 11/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		26 - 85.8	4 - 13.2
2		34 112.2	7 23.1
3		34 112.2	6 19.8
4		54 178.2	9 29.7
5		40 132.0	6 19.8
6		40 132.0	7 23.1
7		34 112.2	6 19.8
8			
9			
10			
T		864.6	148.5
\bar{x}		123.5	21.2

Sertoli Cells: seen

Remarks: _____

No. 4-244 Date VI/62Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	47 - 155.1	7 - 23.1
2	35 115.5	9 29.7
3	26 85.8	5 16.5
4	31 102.3	7 23.1
5	35 115.5	10 33.0
6	42 138.6	6 19.8
7	33 108.9	10 33.0
8	44 145.2	12 39.6
9	34 112.2	5 16.5
10	36 118.8	9 29.7
T	1197.9	264.0
\bar{x}	119.8	26.4

Sertoli Cells: seenRemarks: large intertubular spaces

No. 4-245 Date 4/6/62

Spermatogenic Condition critic

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: no testes

$E = 29.7 \mu$

No. 4-247 Date VI/62

Spermatogenic Condition 7

	Interstitial Cell		Seminiferous		Seminiferous	
	nuclear diam.		tubule diam.		epith. height	
1			43 - 141.9		6 - 19.8	
2			29 95.7		7 23.1	
3			45 148.5		8 26.4	
4			42 138.6		7 23.1	
5			37 122.1		9 29.7	
6			39 128.7		8 26.4	
7			41 135.3		6 19.8	
8			37 122.1		9 29.7	
9			34 112.2		7 23.1	
10			37 122.1		8 26.4	
T			1267.2		247.5	
\bar{x}			126.7		24.8	

Sertoli Cells: seen

Remarks: large intertubular spaces

$E = 39.6 \mu$

(2)

No. 4-248 Date VI/62

Spermatogenic Condition (2) 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	43 - 141.9	8 - 26.4
2	45 - 148.5	5 - 16.5
3	39 - 128.7	7 - 23.1
4	41 - 135.3	10 - 33.0
5	47 - 155.1	5 - 16.5
6	51 - 168.3	8 - 26.4
7	35 - 115.5	6 - 19.8
8	43 - 141.9	9 - 29.7
9	45 - 148.5	9 - 29.7
10	40 - 132.0	8 - 26.4
T	1415.7	247.5
\bar{x}	141.6	24.8

Sertoli Cells: seen

Remarks: _____

Spermatogenic Condition critical.

$$\frac{44}{7}$$

Sertoli Cells: seen

Remarks: _____

Sertoli Cells: seen

Remarks: _____

$$E = 29.7 \mu$$

5

No. 4-250 Date VI/62

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	28 92.4	7 - 23.1
2	37 122.1	9 29.7
3	34 112.2	6 19.8
4	47 155.1	10 33.0
5	34 112.2	7 23.1
6	38 125.4	10 33.0
7	29 95.7	10 33.0
8	52 171.6	6 19.8
9	35 115.5	7 23.1
10	42 138.6	7 23.1
T	1240.8	260.7
\bar{x}	124.1	26.1

Sertoli Cells: seen

Remarks: _____

No. 4-252 Date VIII/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	70	231.0	15	49.5
2	60	198.0	14	46.2
3	51	168.3	10	33.0
4	41	135.3	9	29.7
5	52	184.8	10	33.0
6	61	201.3	14	46.2
7				
8				
9				
10				
T	1118.7		237.6	
\bar{x}	186.4		39.6	

Sertoli Cells: seen

Remarks: small piece

No. 4-255 Date VII/62

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: no testis on slide

No. 4-257 Date VII/62
Spermatogenic Condition ♀

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: _____

No. 4-259 Date VIII/62

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	28 - 92.4	
2	25 - 82.5	
3	26 - 85.8	
4	22 - 72.6	
5	22 - 72.6	
6	23 - 75.9	
7	20 - 66.0	
8	22 - 72.6	
9	30 - 99.0	
10	21 - 69.3	
T	788.7	
\bar{x}	78.9	

Sertoli Cells: seen

Remarks: _____

No. 4-260 Date VII/62

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	② Seminiferous tubule diam.		Seminiferous epith. height
1	30	99.0	
2	30	99.0	
3	27	89.1	
4	26	85.8	
5	27	89.1	
6	31	102.3	
7	30	99.0	
8	29	95.7	
9	31	102.3	
10	31	102.3	
T		963.6	
\bar{x}		96.4	

Sertoli Cells: seen

Remarks: _____

No. 4-263 Date VII/62
Spermatogenic Condition 9

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	24 79.2	
2	31 102.3	
3	30 99.0	
4	32 105.6	
5	27 89.1	
6	26 85.8	
7	25 82.5	
8	26 85.8	
9	32 105.6	
10	32 105.6	
T	940.5	
\bar{x}	94.0	

Sertoli Cells: seen

Remarks: _____

No. 4-272

Date

VII/62

Spermatogenic Condition

8

Interstitial Cell nuclear diam.	^② Seminiferous tubule diam.	Seminiferous epith. height
1	15 49.5	
2	17 56.1	
3	22 72.4	
4	19 62.7	
5	21 69.3	
6	18 59.4	
7	20 66.0	
8	21 69.3	
9	20 66.0	
10	23 75.9	
T	646.8	
\bar{x}	64.7	

Sertoli Cells: seen

Remarks:

No. 4-273 Date VII/62

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: no testis

No. 4-275

Date

VII/62

Spermatogenic Condition

8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	22 - 72.6	
2	24 79.2	
3	21 69.3	
4	24 79.2	
5	22 72.6	
6	25 82.5	
7	22 72.6	
8	24 79.2	
9	22 72.6	
10	20 66.0	
T	745.8	
\bar{x}	74.6	

Sertoli Cells: seenRemarks: tunica lifted away from
tubules

No. 4-277 Date VII/62
Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	22 - 72.6	
2	21 69.3	
3	19 62.7	
4	25 82.5	
5	18 59.4	
6	21 69.3	
7	21 69.3	
8	21 69.3	
9	22 72.6	
10	23 75.9	
T	702.9	
\bar{x}	70.3	

Sertoli Cells: seen

Remarks: _____

No. 4-278 Date VII/62

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	^② Seminiferous tubule diam.	Seminiferous epith. height
1	26 - 85.8	
2	26 85.8	
3	22 72.6	
4	26 85.8	
5	27 89.1	
6	22 72.6	
7	23 75.9	
8	23 75.9	
9	27 89.1	
10	22 72.6	
T	805.2	
\bar{x}	80.5	

Sertoli Cells: seen

Remarks: _____

No. 4-282 Date VII/62Spermatogenic Condition 0

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	17 - 56.1	
2	17 56.1	
3	16 52.8	
4	16 52.8	
5	16 52.8	
6	14 46.2	
7	15 49.5	
8	16 52.8	
9	16 52.8	
10	15 49.5	
T	521.4	
\bar{x}	52.1	

Sertoli Cells: seen

Remarks: _____

No. 4-284 Date VII/62

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	22 - 72.6	
2	30 99.0	
3	18 59.4	
4	23 75.9	
5	25 82.5	
6	19 62.7	
7	21 69.3	
8	29 95.7	
9	24 77.2	
10	20 66.0	
T	762.3	
\bar{x}	76.2	

Sertoli Cells: seen

Remarks: _____

No. 4-286 Date VII/62

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: no testis

E = 23.1 μ 0

No. 4-287 Date VII/62
Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam. ⁽²⁾	Seminiferous epith. height
1	22 - 72.6	
2	25 82.5	
3	24 79.2	
4	23 75.9	
5	22 72.6	
6	21 69.3	
7	19 62.7	
8	24 79.2	
9	21 69.3	
10	21 69.3	
T	732.6	
\bar{x}	73.3	

Sertoli Cells: seen

Remarks: _____

No. 4-289 Date VII/62

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	25 82.5	
2	25 82.5	
3	24 79.2	
4	24 79.2	
5	20 66.0	
6	25 82.5	
7	23 75.9	
8	25 82.5	
9	17 56.1	
10	24 79.2	
T	765.6	
\bar{x}	76.6	

Sertoli Cells: seen

Remarks: _____

No. 4-290 Date VII/62
Spermatogenic Condition 8

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	21 - 69.3	
2	16 52.8	
3	16 52.8	
4	18 59.4	
5	20 66.0	
6	18 59.4	
7	21 69.3	
8	16 52.8	
9	17 56.1	
10	18 59.4	
T	597.3	
\bar{x}	59.7	

Sertoli Cells: seen

Remarks: _____

No. 4-291 Date VII/62

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	21 69.3	
2	20 66.0	
3	18 59.4	
4	24 79.2	
5	23 75.9	
6	19 62.7	
7	18 59.4	
8	21 69.3	
9	22 72.6	
10	27 89.1	
T	702.9	
\bar{x}	70.3	

Sertoli Cells: seen

Remarks: _____

No. 4-292 Date VIII/62

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	20 66.0	
2	23 75.9	
3	26 85.8	
4	24 79.2	
5	30 99.0	
6	20 66.0	
7	20 66.0	
8	24 79.2	
9	23 75.9	
10	19 62.7	
T	755.7	
\bar{x}	75.6	

Sertoli Cells: seen

Remarks: small piece

No. 4-293 Date VIII / 62

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	② Seminiferous tubule diam.		Seminiferous epith. height
1	33	108.9	
2	33	108.9	
3	25	82.5	
4	25	82.5	
5	35	115.5	
6	42	138.6	
7	38	125.4	
8	32	105.6	
9	32	105.6	
10	36	118.8	
T	1092.3		
\bar{x}	109.2		

Sertoli Cells: seen

Remarks: _____

No. 4-295 Date VIII/62
9

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	40 - 132.0	
2	38 125.4	
3	35 115.5	
4	35 115.5	
5	44 145.2	
6	37 122.1	
7	34 112.2	
8	37 122.1	
9	36 118.8	
10	30 99.0	
T	1207.8	
\bar{x}	120.8	

Sertoli Cells: seen

Remarks: _____

No. 4-296 Date VIII/62

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	34 112.2	
2	34 112.2	
3	35 115.5	
4	29 95.7	
5	32 105.6	
6	31 102.3	
7	34 112.2	
8	32 105.6	
9	35 115.5	
10	30 99.0	
T	1075.8	
\bar{x}	107.6	

Sertoli Cells: seen

Remarks: _____

No. 4-299 Date VIII/62

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	28 92.4	
2	27 89.1	
3	33 108.9	
4	31 102.3	
5	31 102.3	
6	29 95.7	
7	28 92.4	
8	31 102.3	
9	25 82.5	
10	29 95.7	
T	963.3	
\bar{x}	96.3	

Sertoli Cells: seen

Remarks: folds in tissue

No. 4-300 Date VIII/62

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	^⑦ Seminiferous tubule diam.	Seminiferous epith. height
1	34 112.2	
2	46 151.8	
3	39 128.7	
4	47 155.1	
5	34 112.2	
6	46 151.8	
7	37 122.1	
8	43 141.9	
9	37 122.1	
10	40 132.0	
T	1329.9	
\bar{x}	133.0	

Sertoli Cells: seen

Remarks: _____

No. 4-301 Date VIII/02

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	^② Seminiferous tubule diam.	Seminiferous epith. height
1	34 112.2	
2	32 105.6	
3	37 122.1	
4	50 165.0	
5	39 128.7	
6	40 132.0	
7	44 145.2	
8	37 122.1	
9	36 118.8	
10	41 135.3	
T	1287.0	
\bar{x}	128.7	

Sertoli Cells: seen

Remarks: _____

No. 4-305 Date 9 VIII/62

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	36 118.8	
2	40 132.0	
3	37 122.1	
4	42 138.4	
5	41 135.3	
6	35 115.5	
7	39 128.7	
8	39 128.7	
9	48 158.4	
10	41 135.3	
T	1313.4	
\bar{x}	131.3	

Sertoli Cells: seen

Remarks: _____

No. 4-306 Date VIII/62
Spermatogenic Condition 9

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	36 118.8	
2	33 108.9	
3	34 112.2	
4	49 161.7	
5	34 112.2	
6	30 99.0	
7	25 82.5	
8	32 105.6	
9	34 112.2	
10	36 118.8	
T	1131.9	
\bar{x}	113.2	

Sertoli Cells: seen

Remarks: _____

No. 4-502 Date VIII/62
9

Spermatogenic Condition

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	51 - 168.3	
2	44 145.2	
3	45 148.5	
4	67 221.1	
5	50 165.0	
6	52 184.8	
7	57 168.3	
8	57 188.1	
9	53 174.9	
10	57 188.1	
T	1752.3	
\bar{x}	175.2	

Sertoli Cells: seen

Remarks:

No. 4-312 Date VIII/62
Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous ⁽²⁾ tubule diam.	Seminiferous epith. height
1	32 105.6	
2	40 132.0	
3	29 95.7	
4	34 112.2	
5	36 118.8	
6	38 125.4	
7	30 99.0	
8	40 132.0	
9	41 135.3	
10	36 118.8	
T	1174.8	
\bar{x}	117.5	

Sertoli Cells: seen

Remarks: _____

No. 4-313 Date VIII/62

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	^② Seminiferous tubule diam.	Seminiferous epith. height
1	41 135.3	
2	42 138.6	
3	40 132.0	
4	44 145.2	
5	37 122.1	
6	38 125.4	
7	41 135.3	
8	43 141.9	
9	41 135.3	
10	43 141.9	
T	1353.0	
\bar{x}	135.3	

Sertoli Cells: seen

Remarks: _____

No. 4-314 Date VIII/62

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	⁽⁷⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	40 132.0	
2	39 128.7	
3	39 128.7	
4	40 132.0	
5	44 145.2	
6	36 118.8	
7	39 128.7	
8	47 155.1	
9	36 118.8	
10	32 105.6	
T	1293.6	
\bar{x}	129.4	

Sertoli Cells: seen

Remarks: _____

No. 4-319 Date 10/63

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: tissue too thick

No. 4-320

Date

10/63Spermatogenic Condition 2

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	48 - 158.4	16 52.8
2	45 148.5	14 52.8
3	43 141.9	15 49.5
4	38 125.4	12 39.6
5	48 158.4	13 42.9
6	61 201.3	19 62.7
7	45 148.5	18 59.4
8		
9		
10		
T	1082.4	359.7
\bar{x}	154.6	51.4

Sertoli Cells: seenRemarks: _____

No. 4-321 Date 10/63Spermatogenic Condition 3

Interstitial Cell nuclear diam.	② Seminiferous tubule diam.		Seminiferous epith. height	
1	55	181.5	22	72.6
2	49	161.7	20	66.0
3	48	158.4	15	49.5
4	55	181.5	19	62.7
5	53	174.9	20	66.0
6	45	148.5	20	66.0
7	41	135.3	16	52.8
8	47	155.1	16	52.8
9				
10				
T	1296.9		488.4	
\bar{x}	162.1		61.0	

Sertoli Cells: seen

Remarks: _____

No. 4-322 Date 10/63
3

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	55	181.5	20	66.0
2	49	161.7	21	69.3
3	51	168.3	16	52.8
4	44	145.2	18	59.4
5	53	174.9	16	52.8
6	53	174.9	18	59.4
7	50	165.0	13	42.9
8	52	171.6	20	66.0
9	52	171.6	19	62.7
10	47	155.1	18	59.4
T	1669.8		590.7	
\bar{x}	167.0		59.1	

Sertoli Cells: seen

Remarks: _____

No. 4-323

Date

10/63

Spermatogenic Condition

4

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	54 - 178.2	22 72.6
2	55 181.5	21 69.3
3	44 145.2	13 42.9
4	56 184.8	25 82.5
5	44 145.2	16 52.8
6		
7		
8		
9		
10		
T	834.9	320.1
\bar{x}	167.0	64.0

Sertoli Cells: seen

Remarks: _____

No. 4-324 Date 10/63
3

Spermatogenic Condition 2

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	51 - 168.3	20 - 66.0
2	55 - 181.5	17 - 56.1
3	56 - 165.0	14 - 46.2
4	53 - 174.9	20 - 66.0
5	41 - 135.3	12 - 39.6
6	41 - 135.3	16 - 52.8
7	49 - 161.7	17 - 56.1
8	46 - 151.8	17 - 56.1
9	47 - 155.1	20 - 66.0
10	44 - 145.2	13 - 42.9
T	1574.1	547.8
\bar{x}	157.4	54.8

Sertoli Cells: seen

Remarks: _____

No. 4-325 Date 10/62
 Spermatogenic Condition 3

	Seminiferous		Seminiferous	
	Interstitial Cell nuclear diam.	tubule diam.	epith. height	
1	42	138.6	14	46.2
2	49	161.7	13	42.9
3	50	165.0	17	56.1
4	39	128.7	12	39.6
5	49	161.7	17	56.1
6	44	145.2	15	49.5
7	47	155.1	13	42.9
8	39	128.7	12	39.6
9				
10				
T		1184.7		372.9
\bar{x}		148.1		46.6

Sertoli Cells: seen

Remarks: _____

No. 4-326 Date 11/6/63
 Spermatogenic Condition 5

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	48 - 158.4	16 52.8
2	50 165.0	14 46.2
3	43 141.9	13 42.9
4	45 148.5	17 56.1
5	53 174.9	16 52.8
6	64 211.2	15 49.5
7	56 184.8	14 52.8
8	42 138.6	8 26.4
9	43 141.9	14 46.2
10	48 158.4	16 52.8
T	1623.6	478.5
\bar{x}	162.4	47.9

Sertoli Cells: seen

Remarks: _____

No. 4-327 Date 14/63
3

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	52 171.6	16 52.8
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: tissue shredded

No. 4-328 Date 10/63

Spermatogenic Condition (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	45 148.5	15 49.5
2	51 168.3	20 66.0
3	50 165.0	14 46.2
4		
5		
6		
7		
8		
9		
10		
T	481.8	161.7
\bar{x}	160.6	53.9

Sertoli Cells: seen

Remarks: tissue shredded; fixation poor

No. 4-329 Date 11/63

Spermatogenic Condition 3

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	48 158.4	21 - 69.3
2	55 181.5	22 72.6
3	70 231.0	25 82.5
4	50 165.0	22 72.6
5	57 188.1	20 66.0
6	56 184.8	23 75.9
7	54 178.2	23 75.9
8		
9		
10		
T	1287.0	494.8
\bar{x}	183.8	70.7

Sertoli Cells: seen

Remarks: _____

No. 4-330 Date 10/6/63

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	45 - 148.5	17 - 56.1
2	46 151.8	15 49.5
3	43 141.9	14 46.2
4	53 174.9	14 46.2
5	53 174.9	12 39.6
6	48 158.4	14 46.2
7		
8		
9		
10		
T	950.4	283.8
\bar{x}	158.4	47.3

Sertoli Cells: seen

Remarks: _____

No. 4-331 Date 10/63
4

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	55 - 181.5	18 59.4
2	40 132.0	17 56.1
3	39 128.7	15 49.5
4	33 108.9	12 39.6
5	44 145.2	12 39.6
6	56 184.8	15 49.5
7	50 165.0	12 39.6
8	64 211.2	18 59.4
9	48 158.4	14 46.2
10	48 158.4	18 59.4
T	1574.1	498.3
\bar{x}	157.4	49.8

Sertoli Cells: seen

Remarks: _____

No. 4-332 Date 10/6/63

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	53 174.9	20 66.0
2	59 194.7	17 52.1
3	52 171.6	17 52.1
4	59 194.7	16 52.8
5	51 168.3	19 62.7
6	45 148.5	16 52.8
7	42 138.6	12 39.6
8	52 184.8	20 66.0
9	59 194.7	18 59.4
10	48 158.4	12 39.6
T	1729.2	551.1
\bar{x}	172.9	55.1

Sertoli Cells: seen

Remarks: _____

No. 4-333 Date 11/6/63

Spermatogenic Condition (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	41 135.3	10 33.0
2	42 138.6	12 39.6
3	41 135.3	13 42.9
4	43 141.9	14 46.2
5	37 122.1	10 33.0
6	38 125.4	13 42.9
7	56 184.8	17 56.1
8	46 151.8	13 42.9
9	38 125.4	12 39.6
10	44 145.2	12 39.6
T	1405.8	415.8
\bar{x}	140.6	41.6

Sertoli Cells: seen

Remarks: _____

No. 4-334 Date 4/6/63
5

Spermatogenic Condition (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	58 191.4	23 75.9
2	72 237.6	24 79.2
3	52 184.8	17 56.1
4	56 184.8	20 66.0
5		
6		
7		
8		
9		
10		
T	798.6	277.2
\bar{x}	199.6	69.3

Sertoli Cells: seen

Remarks: _____

No. 4-336 Date 4/63

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	46 151.8	5- 16.5
2	55 181.5	11 36.3
3	36 118.8	10 33.0
4	63 207.9	11 36.3
5		
6		
7		
8		
9		
10		
T	660.0	122.1
\bar{x}	165.0	30.5

Sertoli Cells: seen

Remarks: poor condition; sections
uneven

No. 4-337 Date Nov 3

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	52 171.4	11 36.3
2	61 201.3	8 26.4
3	72 237.6	17 56.1
4	58 191.4	10 33.0
5	57 168.3	9 29.7
6	54 178.2	13 42.9
7	70 231.0	12 39.6
8	52 171.4	17 56.1
9	56 184.8	13 42.9
10	62 204.6	16 52.8
T	1940.4	415.8
\bar{x}	194.0	41.6

Sertoli Cells: seen

Remarks: _____

No. 4-338 Date 4/63

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	(2) Seminiferous tubule diam.	Seminiferous epith. height
1		56 - 184.8	20 66.0
2		67 221.1	15 49.5
3		62 204.6	20 66.0
4		57 168.3	13 42.9
5		54 178.2	18 59.4
6		51 168.3	15 49.5
7		66 217.8	17 56.1
8		44 145.2	13 42.9
9		46 151.8	15 49.5
10		58 191.4	12 39.6
T		1831.5	521.4
\bar{x}		183.2	52.1

Sertoli Cells: seen

Remarks: section very thick

No. 4-339 Date V/63

Spermatogenic Condition ②

Interstitial Cell	Seminiferous	Seminiferous
nuclear diam.	tubule diam.	epith. height
1	42 138.6	10 35.0
2	41 135.3	12 39.6
3		
4		
5		
6		
7		
8		
9		
10		
T	273.9	72.6
\bar{x}	137.0	36.3

Sertoli Cells: seen

Remarks: small piece - poor condition

No. 4-345 Date 10/63

Spermatogenic Condition 6

	Seminiferous ⁽²⁾		Seminiferous	
	Interstitial Cell nuclear diam.	tubule diam.	epith. height	
1		55 181.5	16	52.8
2		47 155.1	15	49.5
3				
4				
5				
6				
7				
8				
9				
10				
T		336.6		102.3
\bar{x}		168.3		51.2

Sertoli Cells: seen

Remarks: poor condition

No. 4-346 Date U63
6

Spermatogenic Condition (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	103 207.9	24 79.2
2	50 165.0	13 42.9
3	50 165.0	12 39.6
4		
5		
6		
7		
8		
9		
10		
T	537.9	161.7
\bar{x}	179.3	53.9

Sertoli Cells: seen

Remarks: _____

No. 4-347 Date 11/6/35

Spermatogenic Condition 5

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	69 227.7	24 79.2
2	52 171.6	16 52.8
3	51 168.3	15 49.5
4	60 198.0	19 62.7
5	70 231.0	16 52.8
6	43 141.9	11 36.3
7	77 254.1	17 56.1
8		
9		
10		
T	1392.6	389.4
\bar{x}	198.9	55.4

Sertoli Cells: seen

Remarks: small piece

No. 4-398 Date 11/63
5

Spermatogenic Condition crit. n

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	61 201.3	18 59.4
2	65 214.5	11 36.3
3	61 201.3	15 49.5
4	51 168.3	15 49.5
5	55 181.5	21 69.3
6	46 151.8	13 42.9
7		
8		
9		
10		
T	1118.7	306.9
\bar{x}	186.4	51.2

Sertoli Cells: seen

Remarks: mostly poor condition

No. 4-350 Date 11/63

Spermatogenic Condition 4

	②			
	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height	
1		68 - 224.4	11	36.3
2		55 - 181.5	7	23.1
3		52 - 184.8	14	46.2
4		50 - 165.0	9	29.7
5		61 - 201.3	11	36.3
6		60 - 198.0	9	29.7
7		60 - 198.0	13	42.9
8		49 - 161.7	9	29.7
9		69 - 227.7	11	36.3
10		57 - 168.3	13	42.9
T		1910.7		353.1
\bar{x}		191.1		35.3

Sertoli Cells: seen

Remarks: _____

No. 4-356 Date 4/6/63

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	49 161.7	16 52.8
2	51 168.3	11 36.3
3	48 158.4	12 39.6
4	58 191.4	10 33.0
5	51 168.3	10 33.0
6	44 145.2	8 26.4
7		
8		
9		
10		
T	993.3	221.1
\bar{x}	165.6	36.8

Sertoli Cells: seen

Remarks: poor condition

No. 4-358 Date 4/6/63
6

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	49 - 161.7	10 33.0
2	59 194.7	16 52.8
3	55 181.5	11 36.3
4	51 168.3	10 33.0
5	44 145.2	14 46.2
6	40 132.0	10 33.0
7	39 128.7	10 33.0
8	54 178.2	12 39.6
9	46 157.8	11 36.3
10	58 191.4	8 26.4
T	1633.5	369.6
\bar{x}	163.4	37.0

Sertoli Cells: seen

Remarks: _____

No. 4-359 Date 4/6/63
Spermatogenic Condition (2)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	45	148.5	9 29.7
2	40	132.0	8 26.4
3	42	138.6	10 33.0
4	34	112.2	7 23.1
5	48	158.4	10 33.0
6	52	171.6	14 46.2
7	36	118.8	10 33.0
8	40	132.0	11 36.3
9	40	132.0	9 29.7
10	40	132.0	10 33.0
T		1376.1	323.4
\bar{x}		137.6	32.3

Sertoli Cells: seen

Remarks: _____

No. 4-360 Date 1/6/63

Spermatogenic Condition ②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	57 188.1	12 39.6
2	58 191.4	15 49.5
3	69 227.7	18 59.4
4	85 280.5	17 56.1
5	85 280.5	17 56.1
6	58 191.4	10 33.0
7	62 204.6	12 39.6
8	73 240.9	18 59.4
9	52 184.8	12 39.6
10	78 257.4	19 62.7
T	2247.3	495.0
\bar{x}	224.7	49.5

Sertoli Cells: seen

Remarks: _____

E = 36.34 ③

No. 9-369 Date 11/63

Spermatogenic Condition (17)

Interstitial Cell	Seminiferous nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	53	174.9	9 29.7
2	55	181.5	8 26.4
3	56	184.8	13 42.9
4	45	148.5	8 26.4
5	46	151.8	8 26.4
6	60	198.0	14 46.2
7	51	168.3	13 42.9
8	56	184.8	4 19.8
9	47	155.1	11 36.3
10	43	141.9	13 42.9
T		1689.6	339.9
\bar{x}		169.0	34.0

Sertoli Cells: seen

Remarks: _____

No. 4-370 Date 4/6/63

Spermatogenic Condition 6

	Interstitial Cell		Seminiferous		Seminiferous	
	nuclear diam.		tubule diam.		epith. height	
1		43	141.9	13	42.9	
2		52	171.6	14	46.2	
3		53	174.9	8	26.4	
4		38	125.4	12	39.6	
5		43	141.9	14	46.2	
6		38	125.4	7	23.1	
7		45	148.5	10	33.0	
8		49	161.7	11	36.3	
9		58	191.4	9	29.7	
10		43	141.9	9	29.7	
T		1524.6		353.1		
\bar{x}		152.5		35.3		

Sertoli Cells: seen

Remarks: _____

$E = 29.7 \mu$ (4)

No. 4-371 Date 4/63
 Spermatogenic Condition 6

	②			
	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height	
1	31	102.3	9	29.7
2	38	125.4	11	36.3
3	33	108.9	8	26.4
4	46	151.8	10	33.0
5	40	132.0	10	33.0
6	36	118.8	8	26.4
7	30	99.0	8	26.4
8	43	141.9	7	23.1
9	36	118.8	9	29.7
10	40	132.0	11	36.3
T	1230.9		300.3	
\bar{x}	123.1		30.0	

Sertoli Cells: seen

Remarks: _____

No. 4-372 Date 4/6/63

Spermatogenic Condition 6

	(2)			
	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height	
1		41 135.3	9	29.7
2		53 174.9	12	39.6
3		56 184.8	10	33.0
4		41 135.3	13	42.9
5		54 178.2	13	42.9
6		52 171.6	11	36.3
7		46 157.8	16	52.8
8		50 165.0	16	52.8
9		70 231.0	12	39.6
10		65 214.5	15	49.5
T		1742.4		419.1
\bar{x}		174.2		41.9

Sertoli Cells: seen

Remarks: _____

No. 4-373 Date VI/63

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	42 138.6	13 - 42.9
2	40 151.8	10 33.0
3	37 122.1	8 26.4
4	62 204.6	13 42.9
5	35 115.5	6 19.8
6	46 157.8	8 26.4
7	47 155.1	11 36.3
8	44 145.2	7 23.1
9	46 151.8	8 26.4
10	43 141.9	10 33.0
T	1478.4	310.2
\bar{x}	147.8	31.0

Sertoli Cells: seen

Remarks: _____

$\bar{e} = 26.4 \mu$

(4)

No. 4-377 Date VI/63

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	36 118.8	
2	37 122.1	
3	34 112.2	
4	33 108.9	
5	37 122.1	
6	28 92.4	
7	33 108.9	
8	38 125.4	
9	35 115.5	
10	27 89.1	
T	1115.4	
\bar{x}	111.5	

Sertoli Cells: seen

Remarks: _____

No. 4-394 Date VII/63
Spermatogenic Condition 8

Interstitial Cell nuclear diam.	⁽⁷⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	21 69.3	
2	29 95.7	
3	29 95.7	
4	29 95.7	
5	26 85.8	
6	27 89.1	
7	24 79.2	
8	22 72.4	
9	25 82.5	
10	26 85.8	
T	851.4	
\bar{x}	85.1	

Sertoli Cells: seen

Remarks: _____

$$\bar{e} = 19.8 \mu$$

(2)

No. 4-397 Date VII/63

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	⁽⁷⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	28 92.4	
2	33 108.9	
3	31 102.3	
4	29 95.7	
5	34 112.2	
6	34 112.2	
7	29 95.7	
8	35 115.5	
9	33 108.9	
10	34 112.2	
T	1056.0	
\bar{x}	105.6	

Sertoli Cells: seen

Remarks: lumina not recognizable -
Sertoli cells engulfing degenerating
sperm?

No. 4-398 Date VII/63

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: no testis

$E = 19.8 \mu$ (2)

No. 4-402 Date VII/63

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	^② Seminiferous tubule diam.	Seminiferous epith. height
1	37 122.1	7 23.1
2	33 108.9	7 23.1
3	33 108.9	9 29.7
4	30 99.0	4 13.2
5	33 108.9	7 23.1
6	32 105.6	6 19.8
7		
8		
9		
10		
T	653.4	132.0
\bar{x}	108.9	22.0

Sertoli Cells: seen

Remarks: _____

No. 4-405 Date VII / 63

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	^② Seminiferous tubule diam.	Seminiferous epith. height
1	28 92.4	
2	29 95.7	
3	29 95.7	
4	29 95.7	
5	33 108.9	
6	28 92.4	
7	35 115.5	
8	28 92.4	
9	31 102.3	
10	27 89.1	
T	980.1	
\bar{x}	98.0	

Sertoli Cells: seen

Remarks: _____

No. 4-413 Date VII/63
8

Spermatogenic Condition

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	21 69.3	
2	22 72.6	
3	21 69.3	
4	25 82.5	
5	22 72.6	
6	18 59.4	
7	20 66.0	
8	20 66.0	
9	20 66.0	
10	26 85.8	
T	709.5	
\bar{x}	71.0	

Sertoli Cells: seen

Remarks: _____

No. 4414 Date VIII/63

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	39	128.7	9	29.7
2	30	99.0	6	19.8
3	31	102.3	5	16.5
4	19	62.7	4	13.2
5	31	102.3	6	19.8
6	33	108.9	8	26.4
7	32	105.6	5	16.5
8	29	95.7	8	26.4
9	31	102.3	7	23.1
10	34	112.2	9	29.7
T	1019.7		221.1	
\bar{x}	102.0		22.1	

Sertoli Cells: seen

Remarks: _____

No. 4-415 Date VII/63

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	28 92.4	
2	23 75.9	
3	25 82.5	
4	23 75.9	
5	22 72.6	
6	22 72.6	
7	17 56.1	
8	21 69.3	
9	21 69.3	
10	23 75.9	
T	7412.5	
\bar{x}	74.2	

Sertoli Cells: seen

Remarks: _____

E= (2)

No. 4-417 Date VIII/63

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	31 102.3	5 16.5
2	29 95.7	5 16.5
3	36 118.8	7 23.1
4	28 92.4	7 23.1
5	26 85.8	4 13.2
6	34 112.2	7 23.1
7	43 141.9	6 19.8
8	28 92.4	5 16.5
9	24 79.2	2 6.6
10	22 72.6	7 23.1
T	993.3	181.5
\bar{x}	99.3	18.2

Sertoli Cells: seen

Remarks: _____

No. 4-418 Date VIII/63

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	36 - 118.8	10 33.0
2	27 82.5	5 16.5
3	30 99.0	10 33.0
4	28 92.4	8 26.4
5	37 122.1	10 33.0
6	36 118.8	5 16.5
7	39 128.7	8 26.4
8	34 112.2	8 26.4
9	37 122.1	8 26.4
10	24 79.2	8 26.4
T	1075.8	264.0
\bar{x}	107.6	26.4

Sertoli Cells: seen

Remarks: _____

No. 4-433Date VII/63Spermatogenic Condition 89

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	25 82.5	
2	32 105.6	
3	16 52.8	
4	19 62.7	
5	16 52.8	
6	22 72.6	
7	15 49.5	
8	16 52.8	
9	19 62.7	
10	17 52.1	
T	650.1	
\bar{x}	65.0	

Sertoli Cells: seen

Remarks: _____

No. 4-438 Date VII/63

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
\bar{x}		

Sertoli Cells: _____

Remarks: no testes

E = 231 μ 3

No. 4-437 Date VII/63

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	(2) Seminiferous tubule diam.		Seminiferous epith. height
1	21	69.3	
2	20	66.0	
3	18	59.4	
4	19	62.7	
5	24	79.2	
6	21	69.3	
7	20	66.0	
8	18	59.4	
9	17	56.1	
10	19	62.7	
T	650.1		
\bar{x}	65.0		

Sertoli Cells: seen

Remarks: _____

No. 4-445 Date 4/1/63
Spermatogenic Condition 8

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	34 112.2	
2	25 82.5	
3	27 89.1	
4	27 89.1	
5	26 85.8	
6	28 92.4	
7	26 85.8	
8	33 108.9	
9	29 95.7	
10	27 89.1	
T	9 30.6	
\bar{x}	93.1	

Sertoli Cells: seen

Remarks: _____

No. 4-449 Date VII/6.3

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	⁽²⁾ Seminiferous tubule diam.	Seminiferous epith. height
1	28 92.4	
2	29 95.7	
3	26 85.8	
4	25 82.5	
5	25 82.5	
6	24 79.2	
7	22 72.6	
8	22 72.6	
9	28 92.4	
10	28 92.4	
T	848.1	
\bar{x}	84.8	

Sertoli Cells: seen

Remarks: _____

R-351

STEEL BACKPLATE

S. E. & M. VERNON, INC.

U. S. A.

113

